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9-30-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bernadino J. Pavone  
Serial No: 10/046,795  
Filed: 01/15/2002  
For: ORTHODONTIC TOOTHBRUSH  
Attorney Docket No. 65,199-004

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TC 1700

INFORMATION DISCLOSURE STATEMENT

Hon. Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Applicant submits herewith on Form PTO-1449 a list of patents of which he is aware and which he believes may be material to the examination of this application and to which there may be a duty to disclose in accordance with 37 CFR 1.56. A copy of each listed patent is enclosed.

Foreign patent applications have been submitted herewith. To the best of Applicant's understanding:

French 1,057,279 appears to depict a toothbrush having stiff inner bristles and softer outer bristles that angle outward.

French 1,100,290 appears to disclose a toothbrush with rows of bristles having a concave end view shape with the outer rows of bristles being angled outward.

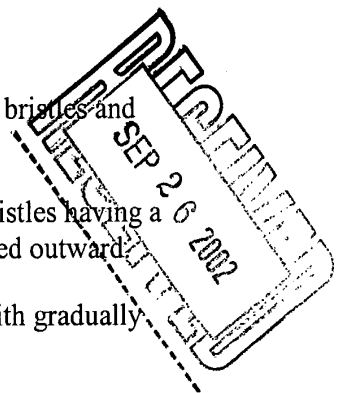
French 1,132,337 appears to depict a toothbrush having bristles with gradually increasing height adjacent to the handle portion.

German 655,526 appears to show a toothbrush having bristles extending from a curved portion of the handle.

German 3,115,189 has an English language abstract attached thereto.

Great Britain 0438858 is in the English language.

Netherlands 8,500,178 has an English language abstract attached thereto.



Swiss 324,623 appears to depict a toothbrush having crossing angled bristles.

Swiss 266,327 appears to display a toothbrush having bristles which gradually shorten toward the center of the head as seen from an end view.

Swiss 672,052 has an English language abstract attached thereto.

USSR 1725817 has an English language abstract attached thereto.

While this Information Disclosure Statement may be material pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is prior art for this invention.

Applicant believes no fee is due. However, if the Examiner determines that a fee is due please charge Deposit Account 04-2223.

Respectfully submitted,



Ernest E. Helms  
Registration No. 29,721  
DYKEMA GOSSETT PLLC  
39577 Woodward Ave., Suite 300  
Bloomfield Hills MI 48304  
(248) 203-0756  
Attorneys for Applicants

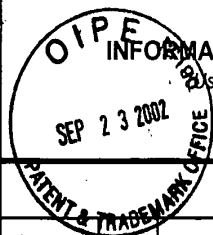
Dated: September 16, 2002

**CERTIFICATE OF MAILING (CFR 1.8)**

I hereby certify that the this Information Disclosure Statement and attached Form 1449 (3 sheets) are being deposited with the United States Postal Service as postage prepaid first-class mail in an envelope addressed to Assistant Commissioner For Patents, Washington, D.C. 20231, on this 16th day of September, 2002.



Donna Crumit



## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	624,055	05/02/1899	Lawrence			
	AB	890,143	06/09/1908	Kuzzer			
	AC	1,642,465	09/13/1927	Sheetz			
	AD	1,901,646	04/03/1931	Hicks			
	AE	1,914,240	02/04/1932	Caldwell			
	AF	1,950,767	05/20/1932	Abbott			
	AG	1,993,662	04/05/1935	Green			
	AH	2,110,371	03/08/1938	Radford			
	AI	2,253,210	08/19/1941	Psiharis			
	AJ	2,668,308	02/09/1954	Grossman			
	AK	2,797,424	07/02/1957	Olson			

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## FOREIGN PATENT DOCUMENTS

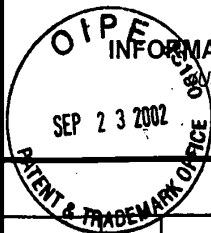
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	1,057,279	03/08/1954	France				✓
	AM	1,100,290	09/19/1955	France				✓
	AN	1,132,337	03/17/1957	France				✓
	AO	655526	01/1938	Germany				✓
	AP	3,116,189	12/23/1982	Germany				✓

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	2,876,477	03/10/1959	Stewart			
	BB	2,882,544	04/21/1959	Hadidian			
	BC	2,935,755	05/10/1960	Leira et al			
	BD	3,134,122	05/26/1964	Charvat			
	BE	3,229,318	01/18/1966	Clemens			
	BF	3,295,156	01/03/1967	Brant			
	BG	3,325,845	06/20/1967	Sawkiw			
	BH	3,678,528	07/25/1972	Haije			
	BI	3,698,405	10/17/1972	Walker			
	BJ	3,922,455	11/25/1975	Brumlik			
	BK	4,033,008	07/05/1977	Warren et al			

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## FOREIGN PATENT DOCUMENTS

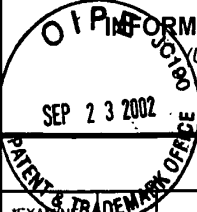
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BL	438,858	11/25/1935	Great Britain				
	BM	266,327	04/17/1950	Switzerland				
	BN	324,623	11/15/1957	Switzerland				
	BO	672,052	10/31/1989	Switzerland				
	BP	86-243622	08/18/1986	Netherlands				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

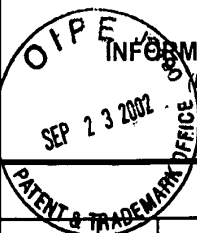

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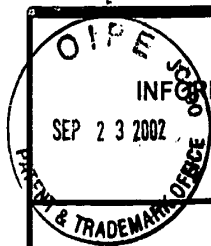
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				Applicant: <b>Pavone</b>			
				FILING <b>01/15/2002</b>		GROUP <b>1744</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	4,180,890	01/01/1980	Brumlik			
	CB	4,240,452	12/23/1980	Jean			
	CC	4,356,585	11/02/1982	Protell et al			
	CD	4,373,541	02/15/1983	Nishioka			
	CE	4,382,309	05/10/1983	Collis			
	CF	4,471,505	09/18/1984	Spademan			
	CG	4,493,125	01/15/1985	Collis			
	CH	4,522,873	06/11/1985	Akagi et al			
	CI	4,562,609	01/07/1986	de Ruyter			
	CJ	4,691,405	09/08/1987	Reed			
	CK	4,694,844	09/22/1987	Berl et al			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	CL	1725817	04/15/1992	USSR			
	CM	2,122,679	11/03/1995	Canada			
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA		4,706,322	11/17/1987	Nicolas			
DB		4,724,569	02/16/1988	Eguchi et al			
DC		4,751,761	06/21/1988	Breitschmid			
DD		4,886,693	12/12/1989	Haranoya et al			
DE		4,958,402	09/25/1990	Weihrauch			
DF		5,029,358	07/09/1991	Zimmerman			
DG		5,040,260	08/20/1991	Michaels			
DH		5,142,726	09/01/1992	Mann			
DI		5,165,761	11/24/1992	Dirksing			
DJ		5,184,368	02/09/1993	Holland			
DK		5,201,092	04/13/1993	Colson			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA	5,230,118	07/17/1993	Chamma			
	EB	5,325,560	07/05/1994	Pavone et al			
	EC	5,458,400	10/17/1995	Meyer			
	ED	5,500,975	03/26/1996	Sano			
	EE	5,509,168	04/23/1996	Butler et al			
	EF	5,511,275	04/30/1996	Volpenhein et al			
	EG	5,518,300	05/21/1996	Meyer			
	EH	5,528,786	06/25/1996	Porat et al			
	EI	5,590,438	01/07/1997	Chen et al			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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